

Figure 1

Mal-PEG₃₄₀₀-DSPE Before Conjugation Reaction

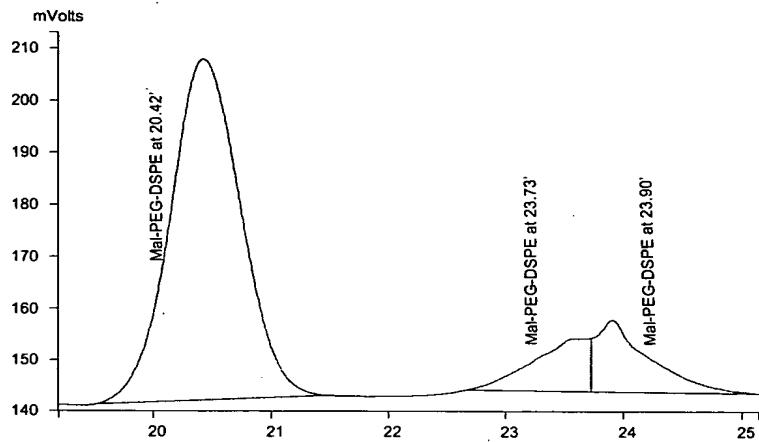


Fig. 1. Expanded view (from entire profile) of Mal-PEG 3400-DSPE peaks (in 20mM MES, uv 216nm). Mal-PEG 3400-DSPE is a 'population' of molecules averaging around M.W. 3400 which yields these 3 peaks. Peak at 20.42' represents ~78% of total Mal-PEG, while peaks at 23.73' and 23.90' represents ~22% of total.

Figure 2.

Compound I After Conjugation

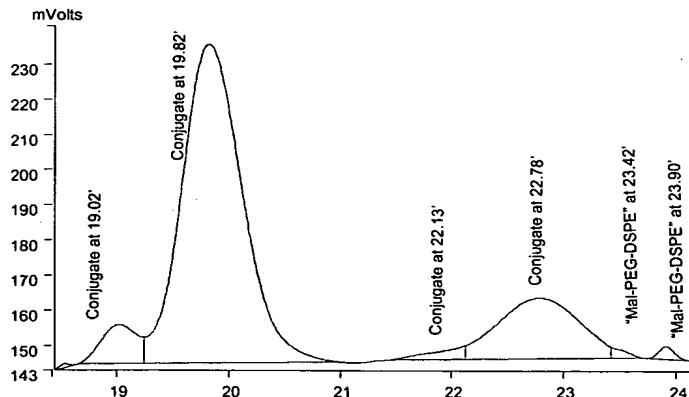


Fig. 2. Expanded view (from entire profile) of Mal-PEG-DSPE and conjugate (**Compound I**) peaks (in 20mM MES, uv 216nm). When Intermediate **18** is conjugated to Mal-PEG 3400-DSPE, the Mal-PEG at 20.42' shifts to conjugate peak at 19.02' and 19.82', while the Mal-PEG-DSPE peaks at 23.73' and 23.90' shifts to conjugate peaks at 22.13' and 22.78'. The peaks at 23.42' and 23.90' are considered non-reacted Mal-PEG (~1.85%). Peak at 19.02' represents ~5%, and peak at 19.82' represents ~73% of total conjugate, while peaks at 22.13' and 22.78' represents ~20% of total conjugate.